

Missouri Water Resources Center

Missouri Rivers and Streams Flood
Conditions Report

June 24, 2024

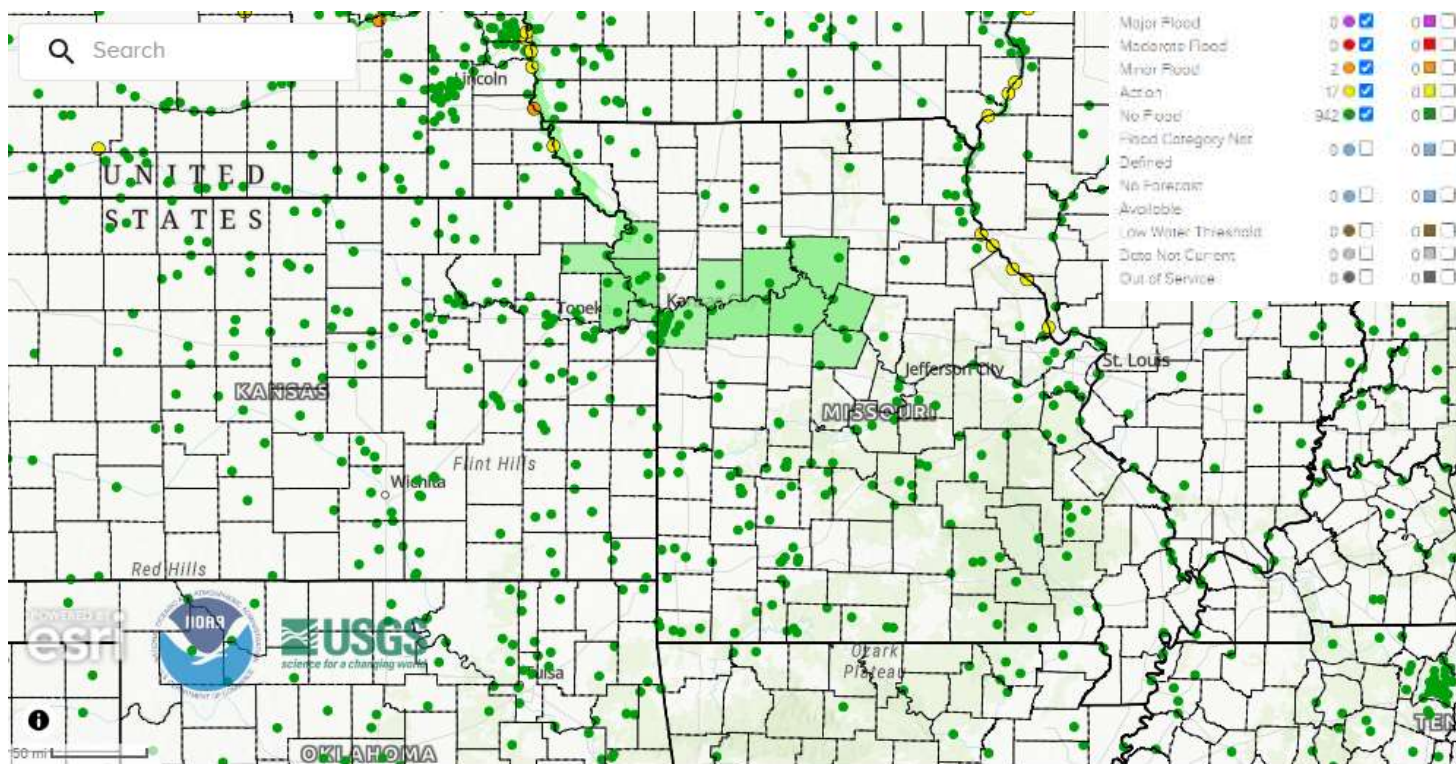


Missouri River Flooding Status

- Moderate flooding is forecasted on a few Missouri river gages. These gages include the following: Missouri River at Glasgow, Missouri River at St. Joseph, Missouri River at Rulo, Missouri River at Brownville, and Missouri River at Nebraska City.
- Gavins Point inflows peaked at 40,000 cubic feet per second early Sunday. Current releases from Gavins Point are 24,000 cubic feet per second.
- The current flooding is primarily caused by rainfall in the Upper Missouri River Basin. According to the Last 7-Day Observed Precipitation product, parts of South Dakota and Nebraska received 5.0-15.0 inches of precipitation. Northwestern Missouri also received 0.25-5.0 inches of precipitation.
- According to the Quantitative Precipitation Forecast, over the next seven days northern Missouri could receive 1.75-4.0 inches of precipitation.
- River forecasts are currently only considering past precipitation and the precipitation amounts expected approximately 24 hours into the future from the forecast issuance time.



Current River and Stream Conditions

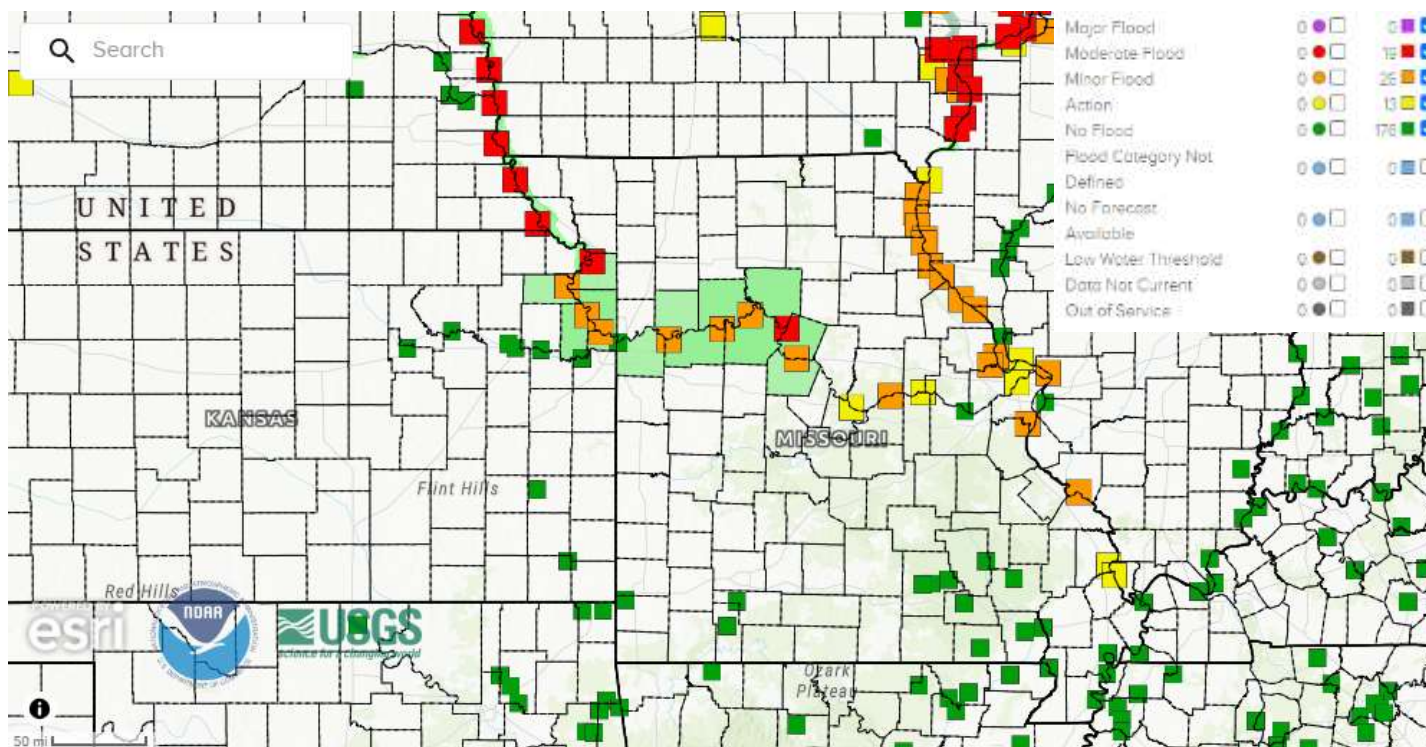




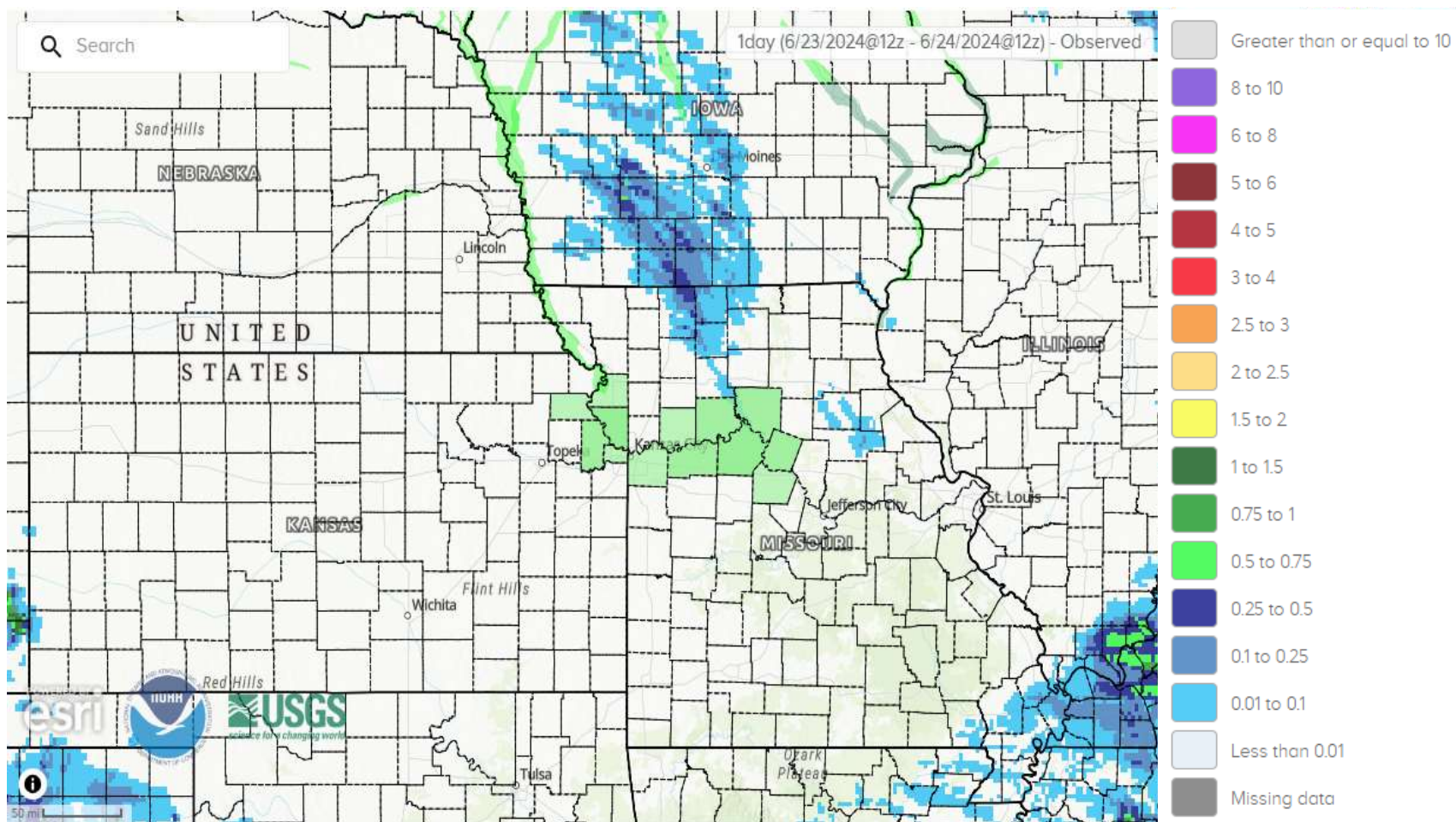
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River Forecast Conditions

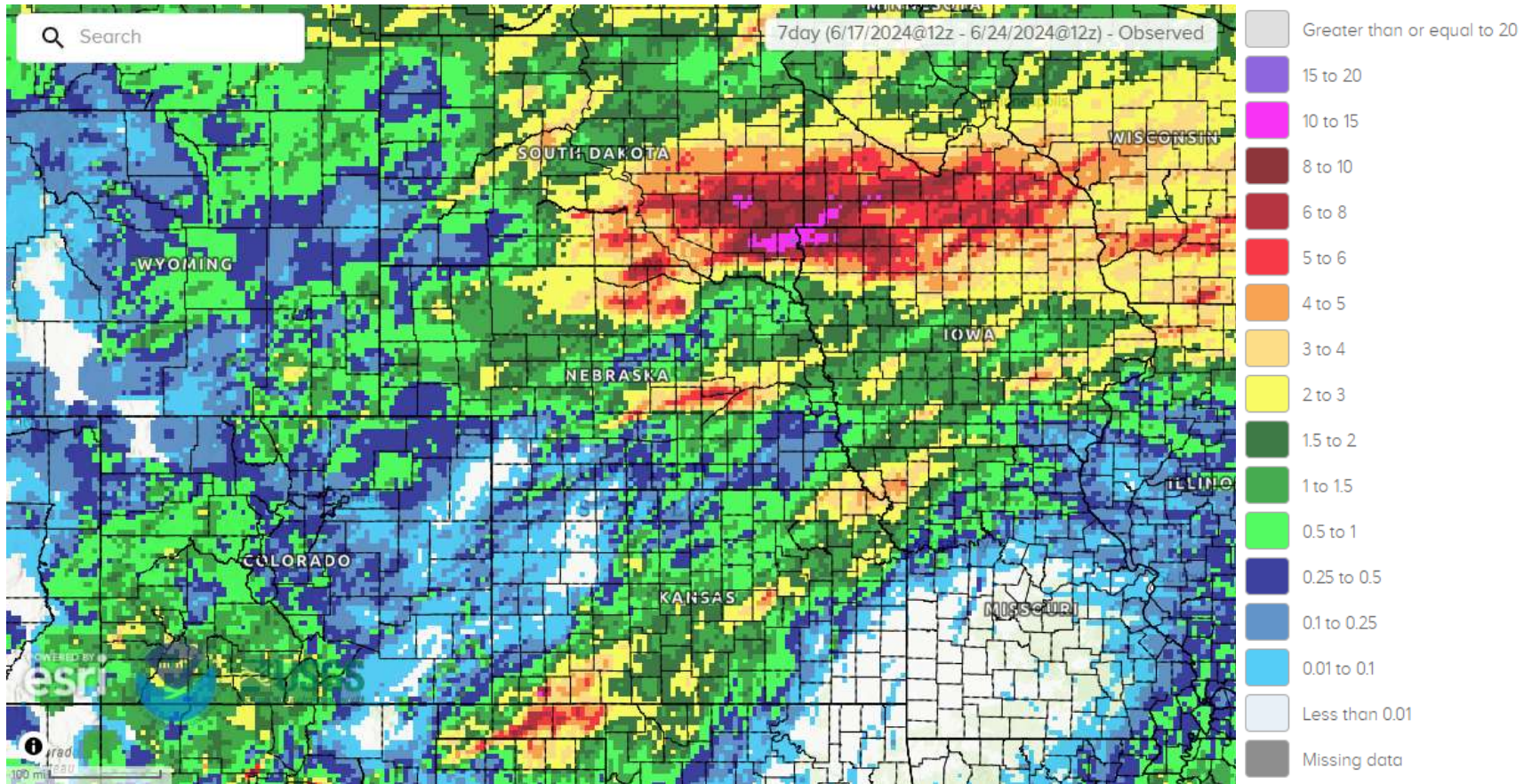
(Maximum for Entire Period 1-13 Days)



One-Day Observed Precipitation

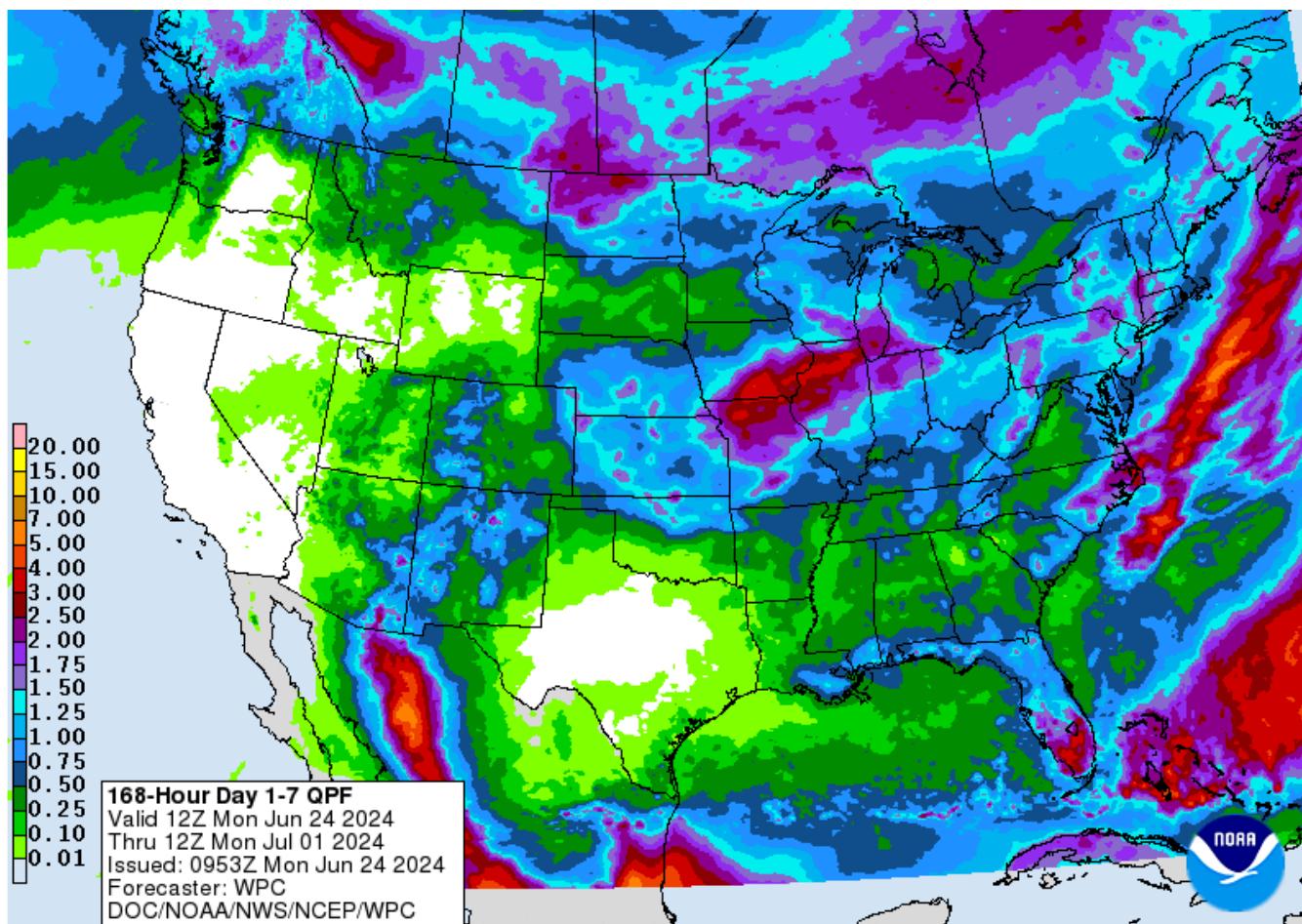


Seven-day Observed Precipitation





Seven-day Precipitation Forecast

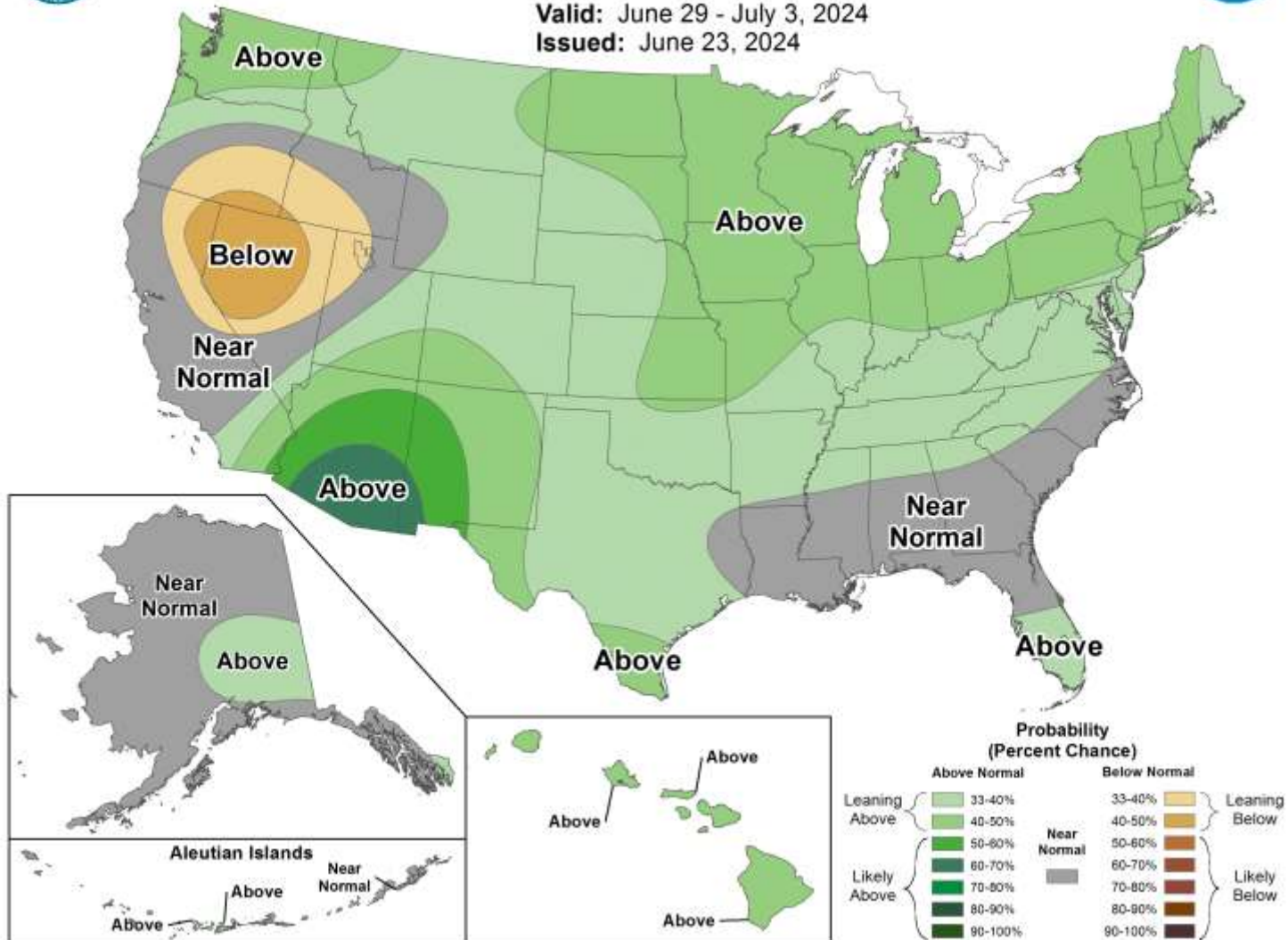




6-10 Day Precipitation Outlook

Valid: June 29 - July 3, 2024

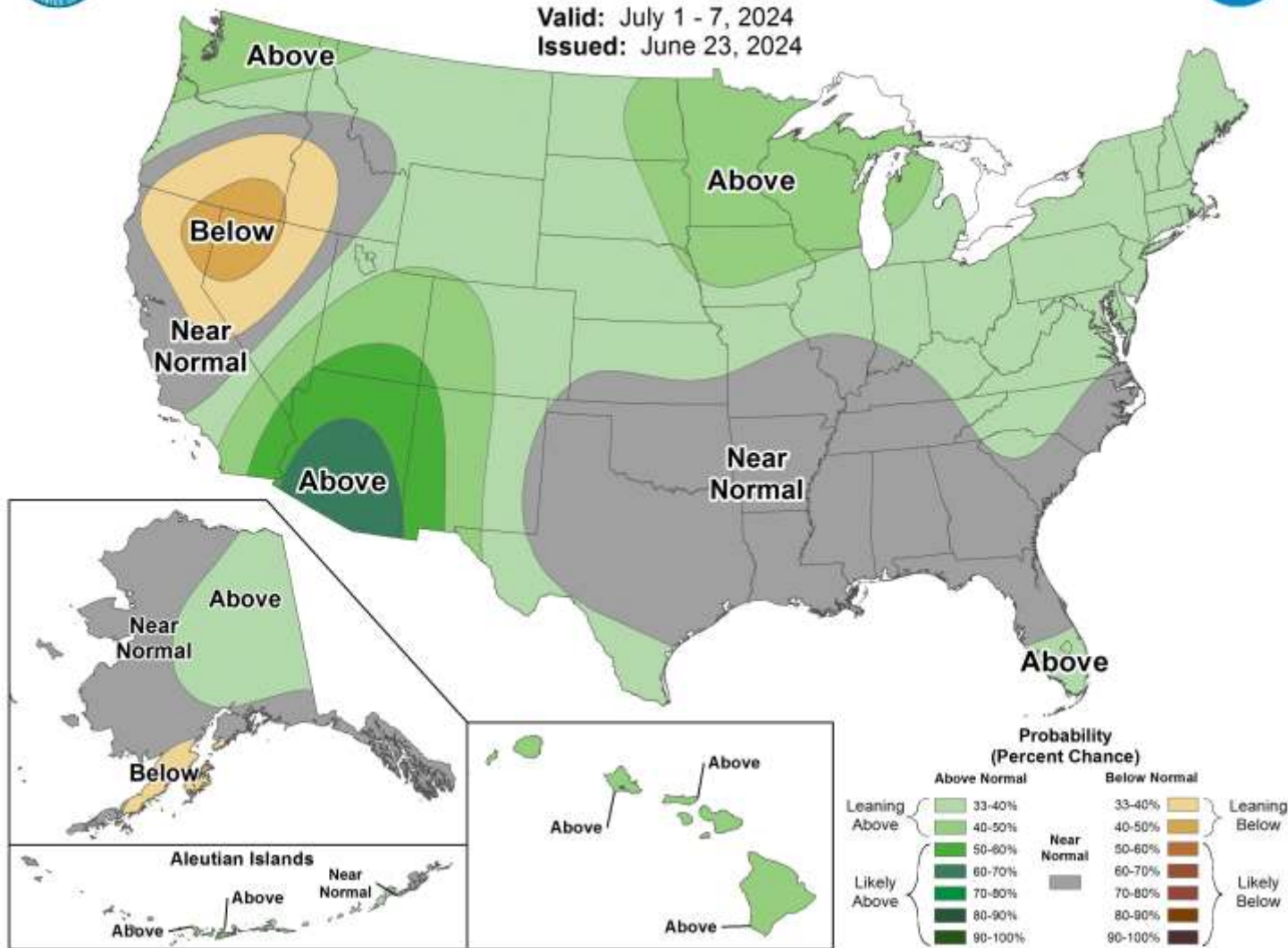
Issued: June 23, 2024

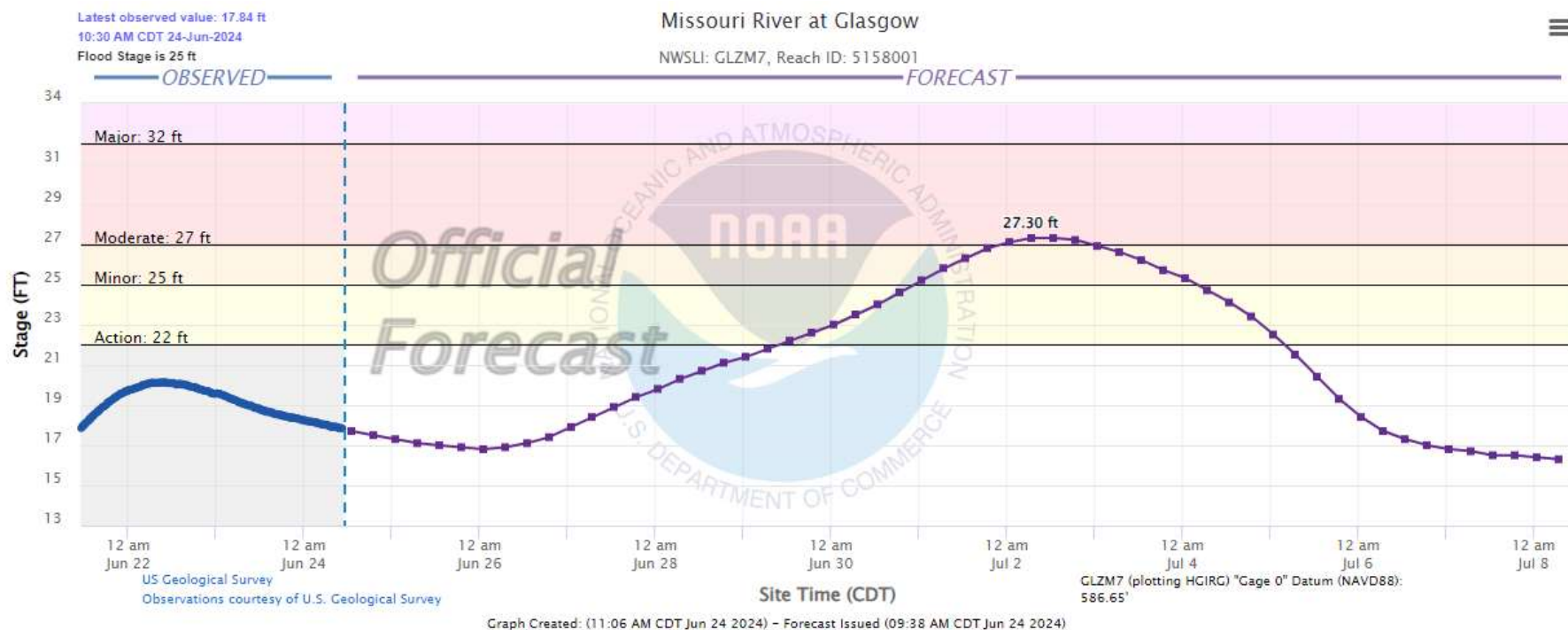




8-14 Day Precipitation Outlook

Valid: July 1 - 7, 2024
Issued: June 23, 2024



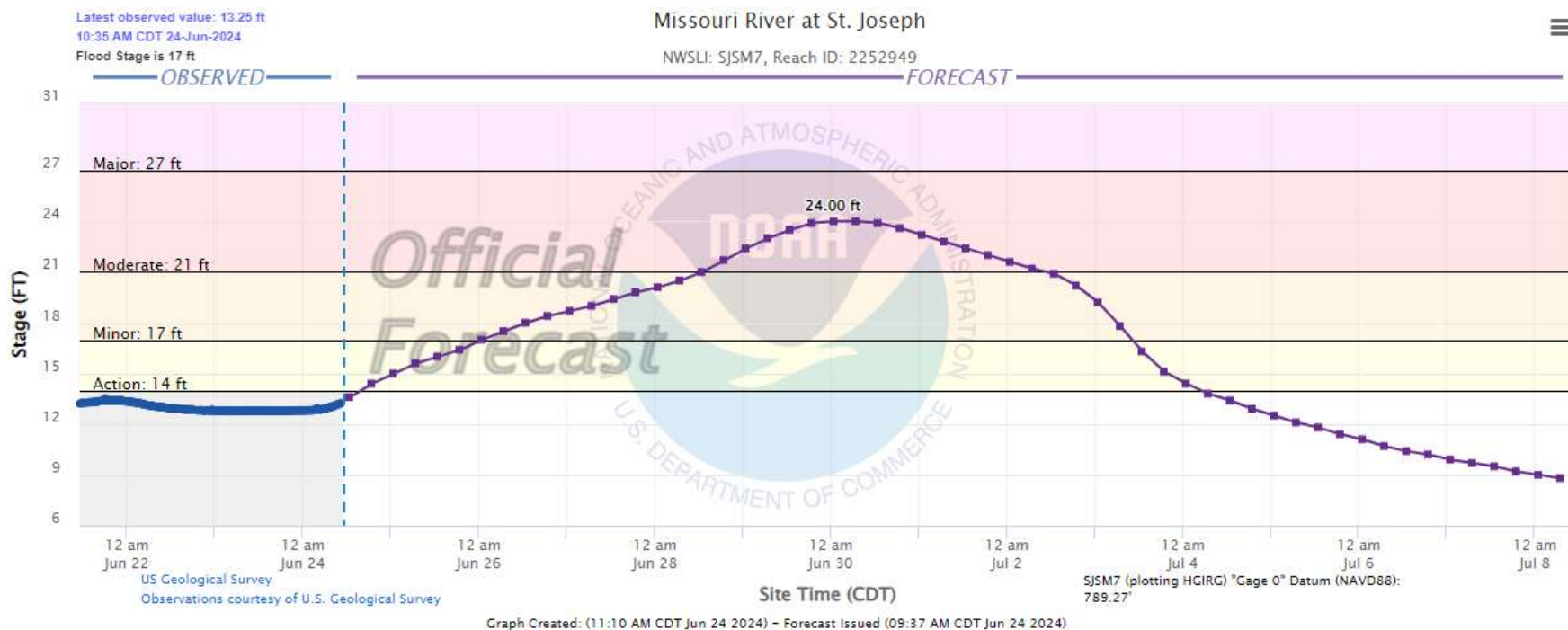


- The Missouri River at Glasgow is at 17.84 ft and expected to crest at 27.30 ft in Moderate Flood Stage early morning on July 2, 2024.
- Moderate Flood Stage occurs at 27 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/GLZM7>



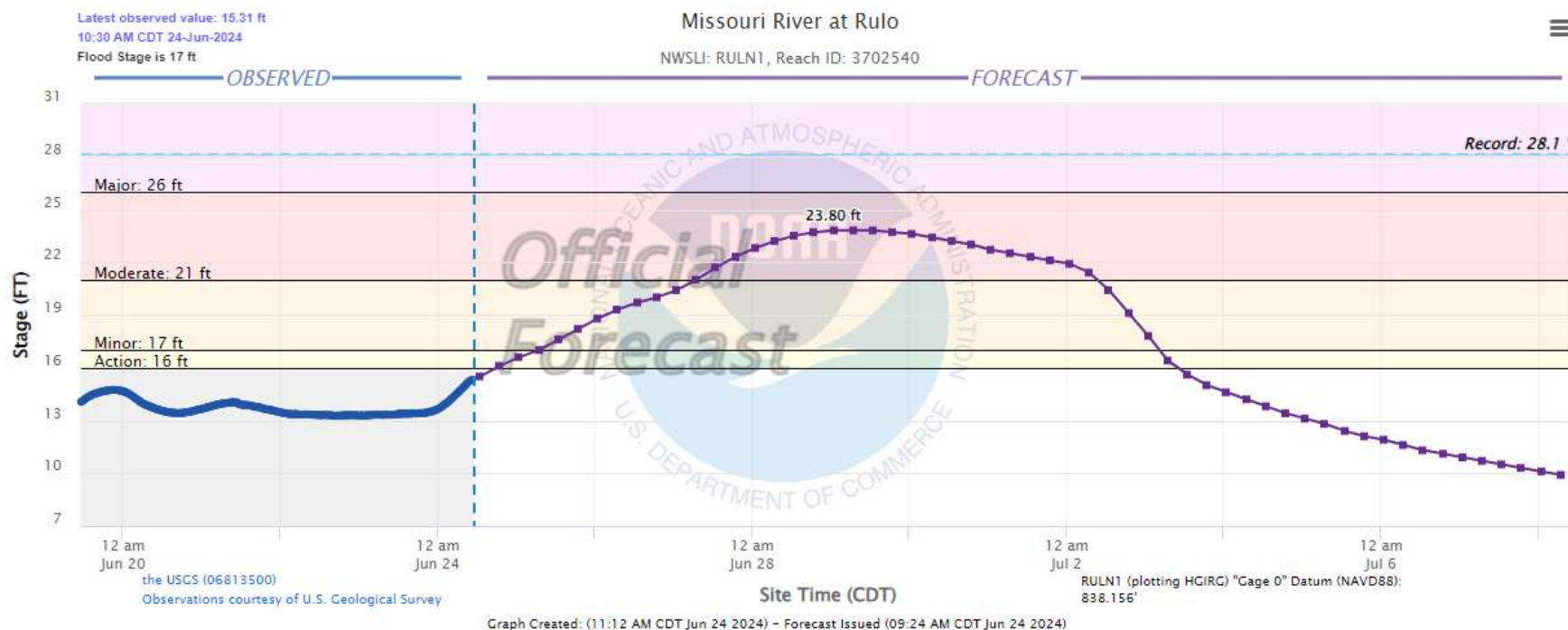


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- The Missouri River at St. Joseph is at 13.25 ft and expected to crest at 24.0 ft in Moderate Flood Stage early morning June 30, 2024.
- Moderate Flood Stage occurs at 21 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/SJSM7>





- The Missouri River at Rulo is at 15.31 ft and expected to crest at 23.80 ft in Moderate Flood Stage early morning June 29, 2024.
- Moderate Flood Stage occurs at 21 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/RULN1>



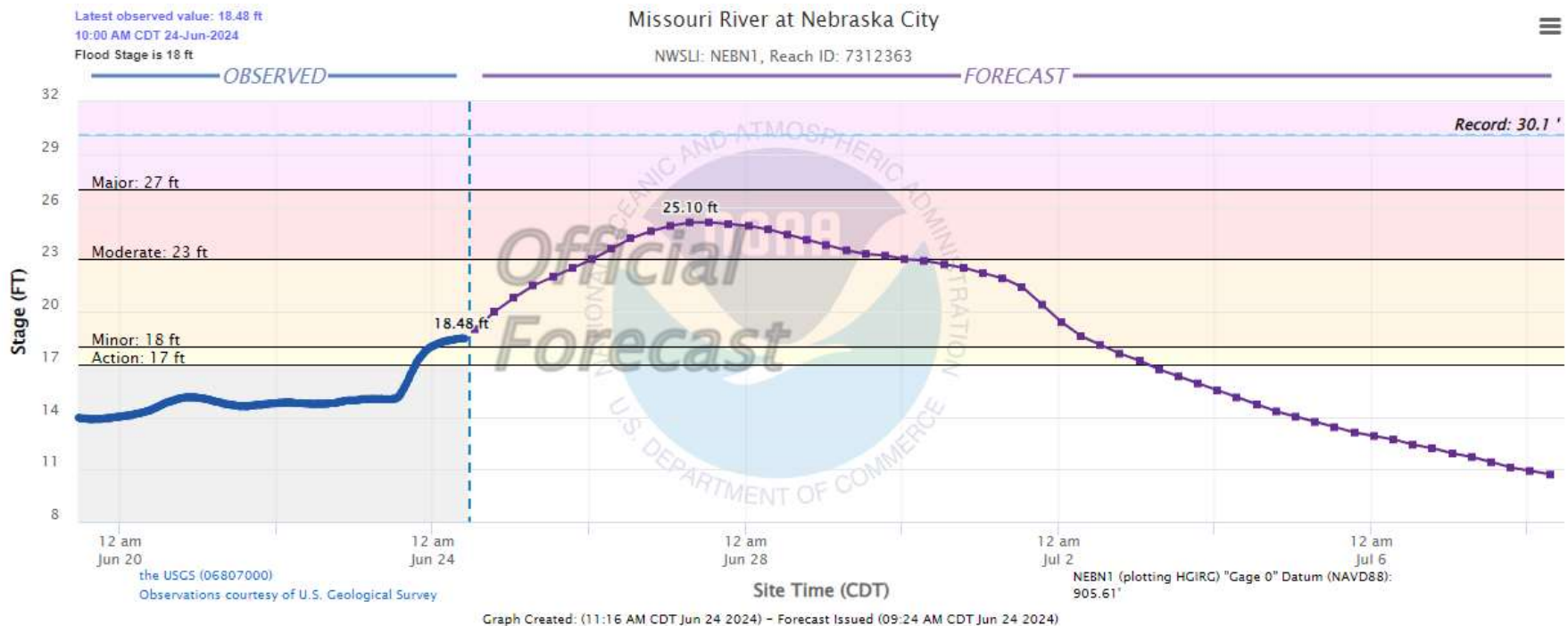


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- The Missouri River at Brownville is at 33.48 ft and expected to crest at 42.50 ft in Moderate Flood Stage midday June 28, 2024.
- Moderate Flood Stage occurs at 38.5 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/BRON1>





- The Missouri River at Nebraska City is at 18.48 ft and expected to crest at 25.10 ft in Moderate Flood Stage early morning June 27, 2024.
- Moderate Flood Stage occurs at 23 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/NEBN1>



Resources for Further Information

- Department of Natural Resources Flood Page:
<https://dnr.mo.gov/water/how-water/state-water/flooding>
- Missouri Water Resources Center – Missouri River Informational Page: <https://dnr.mo.gov/water/how-water/state-water/surface-water/interstate-waters>
- Missouri River-At-A-Glance: [Advanced Hydrologic Prediction Service | National Weather Service](#)
- Mississippi River-At-A-Glance: [Advanced Hydrologic Prediction Service | National Weather Service](#)

